

WORLD VECTOR SHORELINE PLUS (WVSPLUS)

The National Imagery and Mapping Agency (NIMA) World Vector Shoreline Plus (WVSPLUS) is a vector-based product that provides users with medium and low resolution digital data to support map background and situation displays. It supports a growing requirement for vector-based digital data that displays shorelines, international boundaries, country areas and selected depth information.

The coastal shoreline is derived from Digital Land Mass Blanking (DLMB) data, Joint Operations Graphic (JOG), Operational Navigation Charts (ONC) and Tactical Pilotage Charts (TPC). Other features are also derived from JOG, ONC and TPC paper products. Country information, dependencies, area of Special Sovereignty and their principle administrative divisions are derived from the Federal Information Processing Standards (FIPS 10-4). Bathymetry is derived from the five minute grid Digital Bathymetric Data Base (DBDB5). Offshore territorial limits are derived from the Maritime Claims Reference Manual (CRM), DoD 2005.1M. The sea extensions of the international boundaries are derived from the Department of State, Office of the Geographer, "Limits of the Seas." Geographic positions are referenced to WGS84.

WVSPLUS contains a thematically layered, rationally structured database in the Vector Product Format (VPF: MIL-STD 2407) to support mission planning and other applications. The data base contains six libraries: the original 1:250K scale source library; WVS250K, with maritime limits; and five smaller scale libraries generalized from the 1:250K scale product; WVS001M, WVS003M, WVS012M, WVS040M, and WVS120M. The 1:3M, 12M and 40M scales feature small-scale gridded bathymetry. The absolute horizontal accuracy of shoreline data is 500 meters (2.0mm at 1:250,000 scale).

The directory name "view" in WVSPLUS contains tailored views that NIMA has created to be used with VPFVIEW software version 2.1 and a readme2 file with information on the use and installation of provided view. The user must have VPFVIEW software version 2.1 for the view to work as intended. The readme2 file provides further information regarding the provided view. VPFVIEW version 2.1 is available to all users from NIMA. Refer to NIMA's Home Page (<http://www.nima.mil>) on the Internet for information on acquiring VPFVIEW version 2.1

The following disclaimers are provided for user protection:

- NOT TO BE USED FOR NAVIGATION
- The representation of international boundaries and maritime limits is not necessarily authoritative and does not necessary represent an official acceptance by the United States Government of the limits claimed.
- Some sea extensions of the international boundaries could not be derived from the Department of State, "Limits of the Seas", series or the DoD Maritime Claims Reference Manual and therefore had to be geometrically derived.
- The shoreline is reference to Mean High Water.
- WVSPLUS computes a 12-mile territorial sea boundary measured from the coastline or when present, a claimed straight baseline. This claimed straight baseline may or may not be recognized by the United States, therefore, the depicted 12-mile territorial sea boundary may or may not be recognized by the United States: in part or in its entirety.